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implementation the processing unit operates in accordance with a predefined sequence of program instructions stored within an instruction register. A memory, capable of storing information provided by the processing unit and occupying a larger area of the integrated circuit substrate than the processing unit, is also provided within the microprocessor integrated circuit. The memory may be implemented using, for example, dynamic or static random-access memory.--

IN THE ABSTRACT

Please delete page 56, lines 11-30, and substitute the following rewritten abstract therefore:

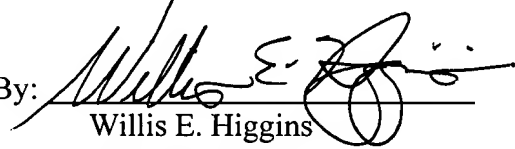
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--A microprocessor integrated circuit including a processing unit disposed upon an integrated circuit substrate is disclosed herein. The processing unit is designed to operate in accordance with a predefined sequence of program instructions stored within an instruction register. A memory, capable of storing information provided by the processing unit and occupying a larger area of the integrated circuit substrate than the processing unit, is also provided within the microprocessor integrated circuit. The memory may be implemented using, for example, dynamic or static random-access memory.--

REMARKS

Respectfully submitted,

COOLEY GODWARD LLP

By:

  
Willis E. Higgins  
Reg. No. 23,025

Cooley Godward LLP  
Five Palo Alto Square  
3000 El Camino Real  
Palo Alto, CA 94306-2155  
Attention: Patent Group  
(650) 843-5000